

O I P E
JUN 03 2003
PATENT & TRADEMARK OFFICE
Docket No.: 215177.00101
Customer No. 27160

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

James J. HICKMAN

Application No. 09/575,377

Filed: May 22, 2000

For: HIGH THROUGHPUT FUNCTIONAL GENOMICS

Group Art Unit: 1631

Examiner: M. P. Allen

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AMENDMENT

BOX AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Advisory Action dated April 15, 2003, please enter the Amendment filed on April 3, 2003, and further amend the claims as follows:

IN THE CLAIMS

A marked-up version of the claims showing the changes is attached as Exhibit A, in which language being deleted struck through and language being added is underlined.

C 1. (Once Amended) A system capable of identifying one or more ion channels of a cell, which elements are affected by a test substance, comprising a device and accompanying software,

in which said device comprises:

(a) a solid state microelectrode;